



A.D. 1869, 7th JULY.

N° 2046.

SPECIFICATION

OF

ASTLEY PASTON PRICE.

PRODUCING ANÆSTHESIA.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

1870.



A.D. 1869, 7th JULY. N° 2046.

Producing Anæsthesia.

LETTERS PATENT to Astley Paston Price, of 47, Lincoln's Inn Fields, in the County of Middlesex, Consulting Chemist, for the Invention of "**IMPROVEMENTS IN PRODUCING PARTIAL OR COMPLETE ANÆSTHESIA.**"—A communication from abroad by Doctor Mathias Eugen Oscar Liebreich, M.D., of Berlin, in the Kingdom of Prussia.

Sealed the 1st January 1870, and dated the 7th July 1869.

PROVISIONAL SPECIFICATION left by the said Astley Paston Price at the Office of the Commissioners of Patents, with his Petition, on the 7th July 1869.

I, ASTLEY PASTON PRICE, of 47, Lincoln's Inn Fields, in the County
5 of Middlesex, Consulting Chemist, do hereby declare the nature of the said Invention for "**IMPROVEMENTS IN PRODUCING PARTIAL OR COMPLETE ANÆSTHESIA,**" a communication to me from abroad by Doctor Mathias Eugen Oscar Liebreich, M.D., of Berlin, in the Kingdom of Prussia, to be as follows:—

10 This Invention relates to the employment of new anæsthetical agents, and to a new method and means of producing partial or complete

Price's Improvements in Producing Anæsthesia.

anæsthesia, either for medical, surgical, veterinary, or other purposes, and consists in the employment of chloral and of trichloroacetic acid, or the salts or compounds of the latter, either administered internally or by injection, subcutaneous or otherwise.

SPECIFICATION in pursuance of the conditions of the Letters Patent, 5
filed by the said Astley Paston Price in the Great Seal Patent
Office on the 7th January 1870.

**TO ALL TO WHOM THESE PRESENTS SHALL COME, I, ASTLEY
PASTON PRICE, of 47, Lincoln's Inn Fields, in the County of Middlesex,
Consulting Chemist, send greeting.**

10

WHEREAS Her most Excellent Majesty Queen Victoria, by Her
Letters Patent, bearing date the Seventh day of July, in the year of
our Lord One thousand eight hundred and sixty-nine, in the thirty-
third year of Her reign, did, for Herself, Her heirs and successors;
give and grant unto me, the said Astley Paston Price, Her special 15
license that I, the said Astley Paston Price, my executors, adminis-
trators, and assigns, or such others as I, the said Astley Paston Price,
my executors, administrators, or assigns, should at any time agree
with, and no others, from time to time and all times thereafter
during the term therein expressed, should and lawfully might make, 20
use, exercise, and vend, within the United Kingdom of Great Britain
and Ireland, the Channel Islands, and Isle of Man, an Invention for
“**IMPROVEMENTS IN PRODUCING PARTIAL OR COMPLETE ANOESTHESIA,**” a com-
munication from abroad by Doctor Mathias Eugen Oscar Liebreich,
M.D., of Berlin, in the Kingdom of Prussia, upon the condition 25
(amongst others) that I, the said Astley Paston Price, my executors
or administrators, by an instrument in writing under my hand and
seal, should particularly describe and ascertain the nature of the said
Invention, and in what manner the same was to be performed, and
cause the same to be filed in the Great Seal Patent Office within 30
six calendar months next and immediately after the date of the said
Letters Patent.

NOW KNOW YE, that I, the said Astley Paston Price, do hereby
declare the nature of the said Invention, and in what manner the same

Price's Improvements in Producing Anæsthesia.

is to be performed, to be particularly described and ascertained in and by the following statement, that is to say :—

The said Invention relates to the employment of a new anoesthetical agent, and consists in the use of chloral or hydrate of chloral, or of 5 trichloroacetic acid, or of the salts or compounds of the same, either administered internally or by injection, subcutaneously or otherwise.

When these anoesthetical agents are to be administered the dose or amount to be administered will be dependent on the age and condition of the patient, and with reference to the degree of anoesthesia it is 10 desired to produce, as also if it be for medical, surgical, or veterinary purposes.

It will be found that quantities commencing at from about 7 (seven grains) of chloral or hydrate of chloral, or trichloroacetic acid, or to an equivalent amount of its salts or compounds may be employed, and 15 that such amount may be increased according to each individual requirement.

Having now described and particularly ascertained the nature of the said Invention, and the manner in which the same is or may be used or carried into effect, I would observe in conclusion that what I 20 consider to be novel and original and therefore claim as the Invention secured to me by the herein-before in part recited Letters Patent is, the application and use of chloral or hydrate of chloral, or trichloroacetic acid or salts, or compounds of the same for the purpose of producing anoesthesia.

25 In witness whereof, I, the said Astley Paston Price, have hereunto set my hand and seal, this Seventh day of January, in the year of our Lord One thousand eight hundred and seventy.

ASTLEY PASTON PRICE. (L.S.)

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1870.

